

Flexible Sigmoidoscopy for Colorectal Cancer Screening

Linda Rabeneck MD MPH FRCPC
Professor of Medicine, University of Toronto
Regional VP, Cancer Care Ontario

July 7, 2009

New Cancer Cases in Canada (2009)

Prostate	25,500
Lung	23,500
Breast	22,700
Colorectal	22,000

Canadian Cancer Statistics

Cancer Deaths in Canada (2009)

Lung	20,600
Colorectal	9,100
Breast	5,400
Prostate	4,400

Canadian Cancer Statistics

Colorectal Cancer Screening

- Past 15 years: Evidence to support colorectal cancer screening:
 - Fecal Occult Blood Test ✓ ✓ ✓
 - Sigmoidoscopy ✓ ✓
 - Colonoscopy ✓

Colorectal Cancer Screening Endorsed

CANADIAN
TASK FORCE ON
PREVENTIVE HEALTH CARE

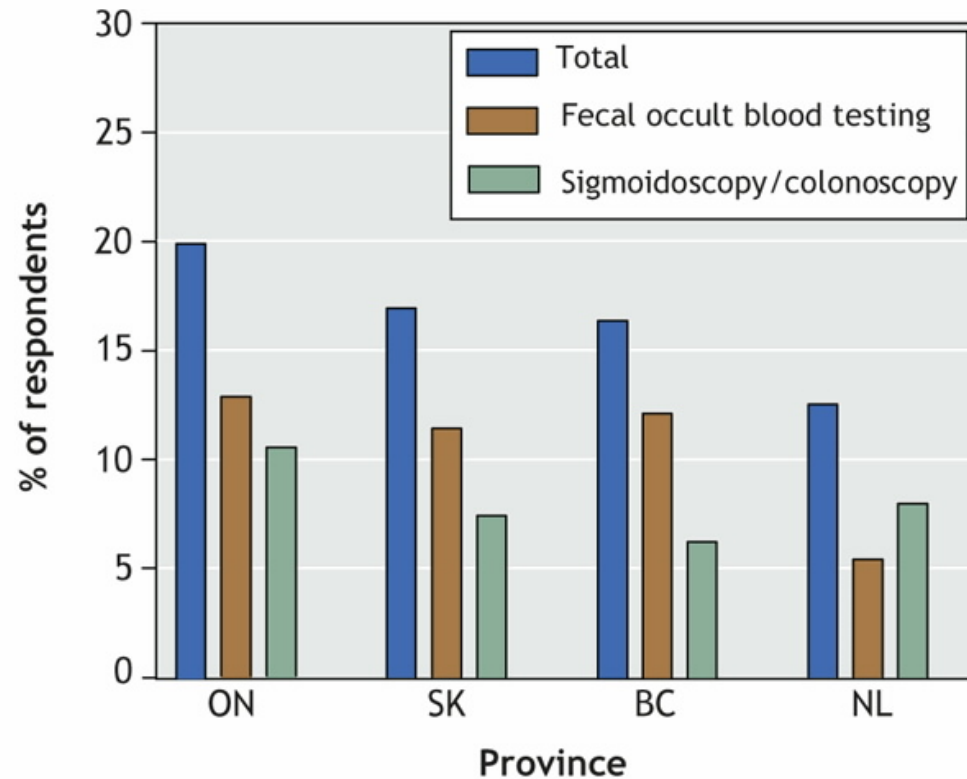


GROUPE
D'ÉTUDE CANADIEN SUR
LES SOINS DE SANTÉ PRÉVENTIFS

- FOBT
- Flexible Sigmoidoscopy

CMAJ 2001;165:206-8

How Many Are Screened?

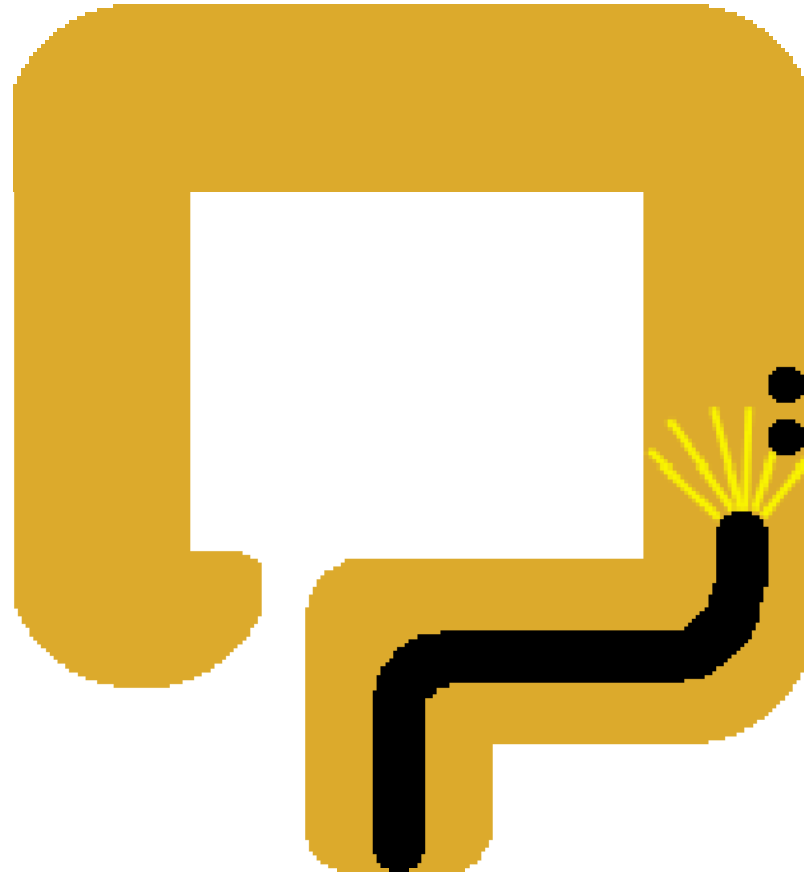


Zarychanski R et al. CMAJ 2007;117:593-7.

Organized Colorectal Cancer Screening in Canada

- BC: FIT Pilot
- Alberta: Planning
- Manitoba: FOBT Pilot
- Ontario: FOBT/Colonoscopy
- Nova Scotia: FIT Pilot

Flexible Sigmoidoscopy (FS)



Randomized Controlled Trials of Flexible Sigmoidoscopy Screening

- NORCCAP ✓
- UK FS
- SCORE
- PLCO

NORCCAP

- Age 55-64 years
- Telemark and Oslo
- Randomized from population registry and invited for screening
- 13,823 invited vs 41,913 controls
- Outcome: CRC mortality

Bretthauer M et al. Scand J Gastro 2002;37:568-73

CRC Screening: Canadian Context

- Provincial programs/pilots in planning or underway (FOBT/FIT)
- Colonoscopy resources constrained
- If FS Trial(s) are positive - is there a role for FS screening?
- How should we interpret/respond to the evidence?

CPAC Flexible Sigmoidoscopy Expert Panel

- April 2009 - Panel members invited; published evidence assembled
- May 19, 2009 - Inaugural meeting
 - Reviewed draft TOR; CPAC PSA Expert Panel
 - CRC Screening in Canada
 - Evidence reviewed; gaps identified
 - Potential impact of positive trial(s)
 - Draft Watching Brief
 - Dissemination Plans/Next Steps

CPAC Flexible Sigmoidoscopy Expert Panel

- Post-meeting:
 - Additional publications retrieved
 - Draft Working Brief outline circulated
 - Embargoed BMJ publication circulated
 - May 29, 2009: Working Brief finalized
 - June 1, 2009 - NORCCAP trial results presented; BMJ paper posted online
 - June 1, 2009 - Working Brief sent to stakeholders by CPAC

CPAC Flexible Sigmoidoscopy Stakeholder Engagement

Stakeholder distribution list:

- Colorectal Cancer Screening Network
- Colorectal Association of Canada
- Colon Cancer Canada
- Canadian Colorectal Cancer Screening Initiative Foundation
- Canadian Cancer Action Network
- Canadian Cancer Society
- Public Health Agency of Canada

CPAC Flexible Sigmoidoscopy Expert Panel

Discussion